

# MANUFACTURING EXTENSION PARTNERSHIP

## Success Stories from the Field

### Amfuel

#### Arkansas Manufacturing Solutions

#### Knowledge is the Key to a Safe Work Environment at Amfuel

##### Client Profile:

Amfuel is a major fuel cell supplier of the OEM aircraft and helicopter industry and provides fuel and liquid containment solutions for military applications. The company employs 23 people at its facility in Magnolia, Arkansas.

##### Situation:

Government inspectors who check the quality of the products asked Amfuel to provide verification that inspectors entering fuel cells were not at risk of exposure to unknown hazards. Inspections were put on hold until verification of a safe work environment could be established. This delay in inspections brought a multi-million dollar contract to a halt. Amfuel, after reviewing their program, policies, and procedures decided to strengthen their Confined Space Entry program and wanted to demonstrate that hazards were being managed safely. They contacted Safety & Environmental Associates, Inc. (SEA) for solutions who in turn contacted Scotty McKnight, Project Manager from Arkansas Manufacturing Solutions (AMS), a NIST MEP network affiliate, for assistance through the Technology Transfer Assistance Grant (TTAG) Program.

##### Solution:

AMS Project Manager, Scotty McKnight, worked with the company and the project team from SEA to complete the TTAG application. With the grant funding, the team worked with Amfuel to identify chemical components, conduct industrial hygiene monitoring, develop a written Confined Space Entry and Rescue program and present these solutions to the government committee of inspectors and scientist.

##### Results:

- \* Realized \$5,000 in cost savings.
- \* Retained sales of \$5.6 million.
- \* Improved safety program.
- \* Retained 40 jobs.

##### Testimonial:

"Thanks to the efforts of SEA and Arkansas Manufacturing Solutions we were able to achieve a strengthened safety program. The assistance of the TTAG grant helped us maintain our competitive edge in the marketplace. I would recommend your services to anyone in need of environmental, hygiene and safety solutions."

Scott Brice, Safety Director

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